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Congress of the United States House of Representatives Washington, DC 20515

April 14, 2022

The Honorable Adam Smith Chairman Committee on Armed Services U.S. House of Representatives Washington, DC 20515 The Honorable Mike Rogers Ranking Member Committee on Armed Services U.S. House of Representatives Washington, DC 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding in Fiscal Year 2023 for the expansion of quantum sensing research programs at Delaware State University's Center of Excellence for Advanced Quantum Sensing (CoE-AQS). The entity to receive funding for this project is Delaware State University located at 1200 N. DuPont Highway, Dover, DE 19901.

The funding would be used to create three new research programs at the CoE-AQS related to quantum imaging of millimeter waves, optical clock development, and quantum gyroscope development. The funding would also provide an additional 2 postdoctoral researchers, 4 graduate students, and 5 undergraduate students. The additional funding for researchers will improve workforce development and STEM education, which are both known challenges in the quantum imaging sciences. Finally, this would enhance current Department initiatives to expand research and development at Historically Black Colleges and Universities (HBCU) and Minority-Serving Institutions (MI), like Delaware State University, through the HBCU/MI Science Program.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

LISA BLUNT ROCHESTER Member of Congress